

Title (en)  
METHOD OF MAKING GLYCEROL

Title (de)  
VERFAHREN ZUR GLYCEROLHERSTELLUNG

Title (fr)  
PROCÉDÉ DE PRODUCTION DE GLYCÉROL

Publication  
**EP 2150521 A1 20100210 (EN)**

Application  
**EP 08780993 A 20080625**

Priority  
• US 2008068218 W 20080625  
• US 94648207 P 20070627

Abstract (en)  
[origin: US2009005610A1] Methods and systems for the hydroxylation of olefinic alcohols are described herein. The methods and systems incorporate the novel use of a high shear device to promote mixing and solubility of peroxides with the olefinic alcohol. The high shear device may allow for lower reaction temperatures and pressures and may also reduce hydroxylation time with existing catalysts.

IPC 8 full level  
**C07C 67/26** (2006.01); **B01F 27/93** (2022.01); **B01J 31/02** (2006.01); **C07C 69/54** (2006.01)

CPC (source: EP US)  
**B01F 27/2711** (2022.01 - EP US); **B01F 33/81** (2022.01 - EP US); **B01F 33/811** (2022.01 - EP US); **B01J 8/025** (2013.01 - EP US); **B01J 8/20** (2013.01 - EP US); **B01J 19/0066** (2013.01 - EP US); **B01J 19/1806** (2013.01 - EP US); **C07C 29/04** (2013.01 - US); **C07C 29/48** (2013.01 - EP US); **B01J 2219/00006** (2013.01 - EP US); **B01J 2219/00779** (2013.01 - EP US)

Designated contracting state (EPC)  
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AL BA MK RS

DOCDB simple family (publication)  
**US 2009005610 A1 20090101**; **US 8502000 B2 20130806**; EP 2150521 A1 20100210; EP 2150521 A4 20100811; US 2012302800 A1 20121129; US 2014128640 A1 20140508; US 8729290 B2 20140520; US 8981143 B2 20150317; WO 2009003052 A1 20081231

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**US 14444008 A 20080623**; EP 08780993 A 20080625; US 2008068218 W 20080625; US 201213584219 A 20120813; US 201414150454 A 20140108